

## ETHERLINE® FD Cat.6 Patchcords

Industrial Ethernet patchcord, Cat. 6, PUR, for drag chains

### Info

Based on 2170488

Other sizes upon request



Supplementary automation components from Lapp



Mechanical and plant engineering



Assembly time



Power chain

### Benefits

Connecting cable assembled on one or on both sides saves installation time and reduces or eliminates the potential for on-site assembly errors.

The connector's integrated vibration protection makes it resistant to shocks and vibrations.

Ideal protection against electromagnetic interference due to double shielding of aluminum-clad foil and copper braided shield with high coverage (SF/UTP).

Durable, resistant product thanks to the outer sheath PU material that is resistant to abrasions, notches and cuts.

Successfully tested for over 4 million bending cycles in the cable chain.

### Application range

Cable design enables highly flexible, constantly flexing use in moving machine parts and in the cable chain.

Also suitable for EtherCAT and EtherNET/IP applications.

Can be used in dry, damp and harsh environments.

The PUR outer sheath and connectors withstand high mechanical loads.

The PUR outer sheath is insensitive to mineral oil-based lubricants and is chemically resistant in many cases.

### Product features

Meets the requirements according to CAT.6, Class E

For use in drag chains

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You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## ETHERLINE® FD Cat.6 Patchcords

### Product Make-up

Braided conductor, 4x2x AWG26/19

SF/UTP: braid of tinned copper wire and plastic laminated aluminum foil as overall screening

Outer sheath made of PUR

Outer diameter: 7.8 mm

Colour: green (based on RAL 6018)

### Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC002599

ETIM 5.0 Class-Description: Patch cord copper (twisted pair) industry

Minimum bending radius:

Flexing: 7.5 x outer diameter

Fixed installation: 4 x cable diameter

Protection rating:

IP 67

Coding:

M12: X-Standard

Temperature range:

Flexing: -30 °C to +70 °C

Fixed installation: -30 °C to +80 °C

### Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

## ETHERLINE® FD Cat.6 Patchcords

Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
Straight connector on straight connector			
2172237	IE-6-M12X-S-0,5-P-4-26-FD-M12X-S	0.5	15.85
2172238	IE-6-M12X-S-1-P-4-26-FD-M12X-S	1	31.7
2172239	IE-6-M12X-S-2-P-4-26-FD-M12X-S	2	63.4
2172240	IE-6-M12X-S-3-P-4-26-FD-M12X-S	3	95.1
2172241	IE-6-M12X-S-5-P-4-26-FD-M12X-S	5	158.5
2172242	IE-6-M12X-S-7-P-4-26-FD-M12X-S	7	221.9
2172243	IE-6-M12X-S-10-P-4-26-FD-M12X-S	10	317
2172244	IE-6-M12X-S-15-P-4-26-FD-M12X-S	15	475.5
2172245	IE-6-M12X-S-20-P-4-26-FD-M12X-S	20	634
Straight connector to straight socket			
2172207	IE-6-M12XF-S-0,5-P-4-26-FD-M12X-S	0.5	15.85
2172208	IE-6-M12XF-S-1-P-4-26-FD-M12X-S	1	31.7
2172209	IE-6-M12XF-S-2-P-4-26-FD-M12X-S	2	63.4
2172210	IE-6-M12XF-S-3-P-4-26-FD-M12X-S	3	95.1
2172211	IE-6-M12XF-S-5-P-4-26-FD-M12X-S	5	158.5
2172212	IE-6-M12XF-S-7-P-4-26-FD-M12X-S	7	221.9
2172213	IE-6-M12XF-S-10-P-4-26-FD-M12X-S	10	317
2172214	IE-6-M12XF-S-15-P-4-26-FD-M12X-S	15	475.5
2172215	IE-6-M12XF-S-20-P-4-26-FD-M12X-S	20	634
Straight socket to straight socket			
2172298	IE-6-M12XF-S-0,5-P-4-26-FD-M12XF-S	0.5	15.85
2172299	IE-6-M12XF-S-1-P-4-26-FD-M12XF-S	1	31.7
2172300	IE-6-M12XF-S-2-P-4-26-FD-M12XF-S	2	63.4
2172301	IE-6-M12XF-S-3-P-4-26-FD-M12XF-S	3	95.1
2172302	IE-6-M12XF-S-5-P-4-26-FD-M12XF-S	5	158.5
2172303	IE-6-M12XF-S-7-P-4-26-FD-M12XF-S	7	221.9
2172304	IE-6-M12XF-S-10-P-4-26-FD-M12XF-S	10	317
2172305	IE-6-M12XF-S-15-P-4-26-FD-M12XF-S	15	475.5
2172306	IE-6-M12XF-S-20-P-4-26-FD-M12XF-S	20	634
straight connector on free conductor end			
2172246	IE-6-M12X-S-0,5-P-4-26-FD-OE	0.5	15.85
2172247	IE-6-M12X-S-1-P-4-26-FD-OE	1	31.7
2172248	IE-6-M12X-S-2-P-4-26-FD-OE	2	63.4
2172249	IE-6-M12X-S-3-P-4-26-FD-OE	3	95.1

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**ETHERLINE® FD Cat.6 Patchcords**

Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
2172250	IE-6-M12X-S-5-P-4-26-FD-OE	5	158.5
2172251	IE-6-M12X-S-7-P-4-26-FD-OE	7	221.9
2172252	IE-6-M12X-S-10-P-4-26-FD-OE	10	317
2172253	IE-6-M12X-S-15-P-4-26-FD-OE	15	475.5
2172254	IE-6-M12X-S-20-P-4-26-FD-OE	20	634
socket on free conductor end			
2173036	IE-6-M12XF-S-0,5-P-4-26-FD-OE	0.5	15.85
2172255	IE-6-M12XF-S-1-P-4-26-FD-OE	1	31.7
2172256	IE-6-M12XF-S-2-P-4-26-FD-OE	2	63.4
2172257	IE-6-M12XF-S-3-P-4-26-FD-OE	3	95.1
2172258	IE-6-M12XF-S-5-P-4-26-FD-OE	5	158.5
2172259	IE-6-M12XF-S-7-P-4-26-FD-OE	7	221.9
2172260	IE-6-M12XF-S-10-P-4-26-FD-OE	10	317
2172261	IE-6-M12XF-S-15-P-4-26-FD-OE	15	475.5
2172262	IE-6-M12XF-S-20-P-4-26-FD-OE	20	634

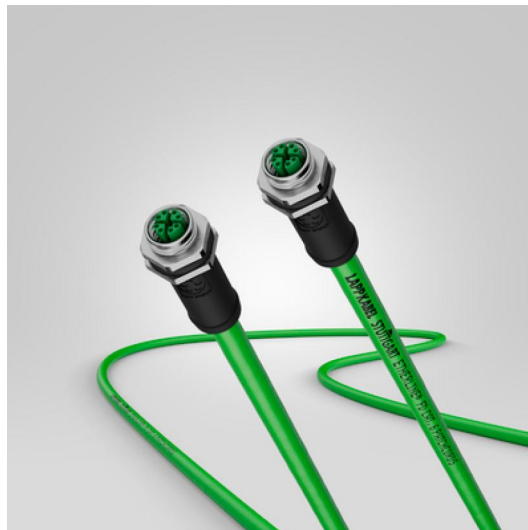
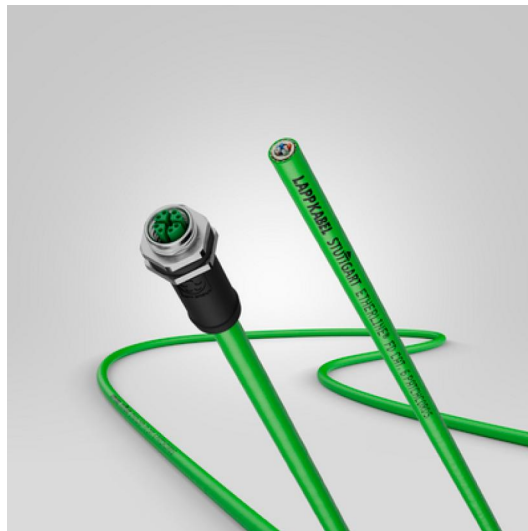
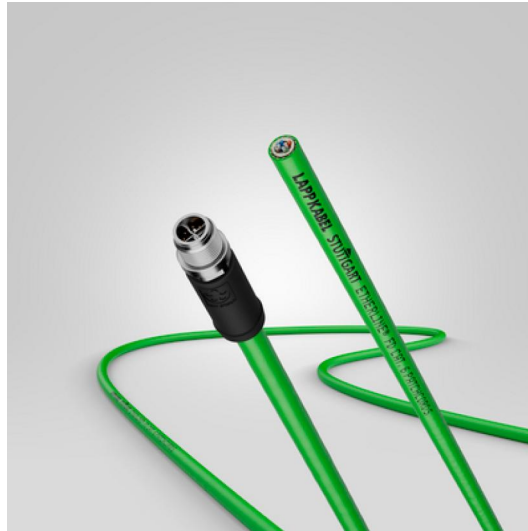
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